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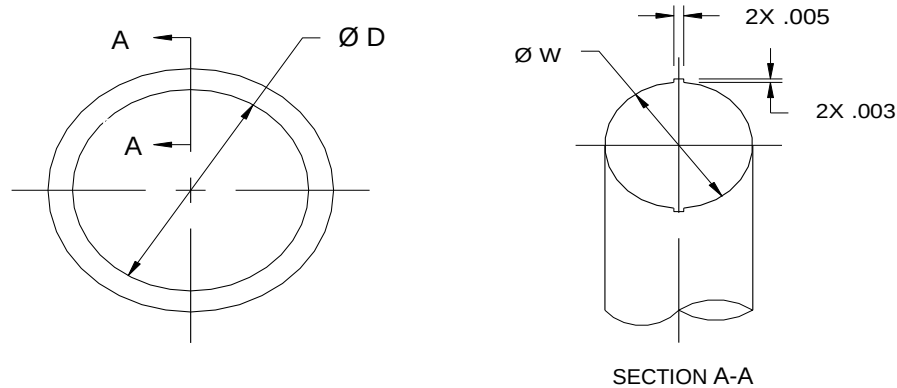
FEDERAL SUPPLY CLASS
5331

RATIONALE

THIS STANDARD HAS BEEN REVISED TO INCORPORATE MINOR TECHNICAL CHANGES.

FOREWORD

THIS STANDARD ESTABLISHES THE DIMENSIONAL AND VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS AND PACKAGING AND LABELING REQUIREMENTS FOR O-RINGS MOLDED FROM AMS-P-5315 RUBBER. IT SHALL BE USED FOR PROCUREMENT PURPOSES.

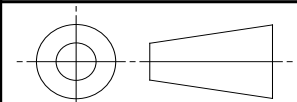


NOTE: DIMENSION AND TOLERANCING PER ASME Y14.5

FIGURE 1 – O-RING DIMENSIONS: WIDTH (ØW) AND INSIDE DIAMETER (ØD)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS29513C>

THIRD ANGLE PROJECTION



CUSTODIAN: A-6/A-6C2

PROCUREMENT SPECIFICATION: NONE



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TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	ID IN		ID (MM)		W DIA IN		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
MS29513-001	.025	.033	0.635	0.838	.037	.043	0.940	1.092	.001	0.0004
MS29513-002	.038	.046	0.965	1.168	.047	.053	1.194	1.346	.003	0.0014
MS29513-003	.052	.060	1.321	1.524	.057	.063	1.448	1.600	.005	0.0023
MS29513-004	.065	.075	1.65	1.90	.067	.073	1.702	1.854	.008	0.0036
MS29513-005	.096	.106	2.44	2.69	.067	.073	1.702	1.854	.010	0.0045
MS29513-006	.109	.119	2.77	3.02	.067	.073	1.702	1.854	.010	0.0045
MS29513-007	.140	.150	3.56	3.81	.067	.073	1.702	1.854	.012	0.0054
MS29513-008	.171	.181	4.34	4.60	.067	.073	1.702	1.854	.014	0.0064
MS29513-009	.203	.213	5.16	5.41	.067	.073	1.702	1.854	.016	0.0073
MS29513-010	.234	.244	5.94	6.20	.067	.073	1.702	1.854	.017	0.0077
MS29513-011	.296	.306	7.52	7.77	.067	.073	1.702	1.854	.021	0.0095
MS29513-012	.359	.369	9.12	9.37	.067	.073	1.702	1.854	.024	0.011
MS29513-013	.421	.431	10.69	10.95	.067	.073	1.702	1.854	.028	0.013
MS29513-014	.484	.494	12.29	12.55	.067	.073	1.702	1.854	.031	0.014
MS29513-015	.546	.556	13.87	14.12	.067	.073	1.702	1.854	.034	0.015
MS29513-016	.609	.619	15.47	15.72	.067	.073	1.702	1.854	.038	0.017
MS29513-017	.671	.681	17.04	17.30	.067	.073	1.702	1.854	.041	0.019
MS29513-018	.734	.744	18.64	18.90	.067	.073	1.702	1.854	.045	0.020
MS29513-019	.795	.807	20.19	20.50	.067	.073	1.702	1.854	.048	0.022
MS29513-020	.858	.870	21.79	22.10	.067	.073	1.702	1.854	.052	0.024
MS29513-021	.920	.932	23.37	23.67	.067	.073	1.702	1.854	.055	0.025
MS29513-022	.983	.995	24.97	25.27	.067	.073	1.702	1.854	.059	0.027
MS29513-023	1.045	1.057	26.54	26.85	.067	.073	1.702	1.854	.062	0.028
MS29513-024	1.108	1.120	28.14	28.45	.067	.073	1.702	1.854	.066	0.030
MS29513-025	1.170	1.182	29.72	30.02	.067	.073	1.702	1.854	.069	0.031
MS29513-026	1.233	1.245	31.32	31.62	.067	.073	1.702	1.854	.073	0.033
MS29513-027	1.295	1.307	32.89	33.20	.067	.073	1.702	1.854	.076	0.034
MS29513-028	1.358	1.370	34.49	34.80	.067	.073	1.702	1.854	.080	0.036

(a)

TABLE 1 – PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NUMBER	ID IN		ID (MM)		W DIA IN		W DIA (MM)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	KG/100
MS29513-029	1.479	1.499	37.57	38.07	0.067	0.073	1.702	1.854	.086	0.039
MS29513-030	1.604	1.624	40.74	41.25	0.067	0.073	1.702	1.854	.094	0.043
MS29513-031	1.729	1.749	43.92	44.42	0.067	0.073	1.702	1.854	.101	0.046
MS29513-032	1.854	1.874	47.09	47.60	0.067	0.073	1.702	1.854	.108	0.049
MS29513-033	1.979	1.999	50.27	50.77	0.067	0.073	1.702	1.854	.114	0.052
MS29513-034	2.104	2.124	53.44	53.95	0.067	0.073	1.702	1.854	.121	0.055
MS29513-035	2.229	2.249	56.62	57.12	0.067	0.073	1.702	1.854	.128	0.058
MS29513-036	2.354	2.374	59.79	60.30	0.067	0.073	1.702	1.854	.135	0.061
MS29513-037	2.479	2.499	62.97	63.47	0.067	0.073	1.702	1.854	.142	0.064
MS29513-038	2.604	2.624	66.14	66.65	0.067	0.073	1.702	1.854	.149	0.068
MS29513-039	2.724	2.754	69.19	69.95	0.067	0.073	1.702	1.854	.156	0.071
MS29513-040	2.849	2.879	72.36	73.13	0.067	0.073	1.702	1.854	.163	0.074
MS29513-041	2.974	3.004	75.54	76.30	0.067	0.073	1.702	1.854	.170	0.077
MS29513-042	3.224	3.254	81.89	82.65	0.067	0.073	1.702	1.854	.184	0.083
MS29513-043	3.474	3.504	88.24	89.00	0.067	0.073	1.702	1.854	.198	0.090
MS29513-044	3.724	3.754	94.59	95.35	0.067	0.073	1.702	1.854	.212	0.096
MS29513-045	3.974	4.004	100.94	101.70	0.067	0.073	1.702	1.854	.226	0.102
MS29513-046	4.224	4.254	107.29	108.05	0.067	0.073	1.702	1.854	.240	0.109
MS29513-047	4.474	4.504	113.64	114.40	0.067	0.073	1.702	1.854	.254	0.115
MS29513-048	4.724	4.754	119.99	120.75	0.067	0.073	1.702	1.854	.267	0.121
MS29513-049	4.966	5.012	126.14	127.30	0.067	0.073	1.702	1.854	.281	0.127
MS29513-050	5.216	5.262	132.49	133.65	0.067	0.073	1.702	1.854	.295	0.134
MS29513-110	0.357	0.367	9.07	9.32	0.100	0.106	2.540	2.692	.056	0.025
MS29513-111	0.419	0.429	10.64	10.90	0.100	0.106	2.540	2.692	.063	0.029
MS29513-112	0.482	0.492	12.24	12.50	0.100	0.106	2.540	2.692	.071	0.032
MS29513-113	0.544	0.554	13.82	14.07	0.100	0.106	2.540	2.692	.079	0.036
MS29513-114	0.607	0.617	15.42	15.67	0.100	0.106	2.540	2.692	.086	0.039
MS29513-115	0.669	0.679	16.99	17.25	0.100	0.106	2.540	2.692	.093	0.042
MS29513-116	0.732	0.742	18.59	18.85	0.100	0.106	2.540	2.692	.101	0.046
MS29513-117	0.793	0.805	20.14	20.45	0.100	0.106	2.540	2.692	.108	0.049
MS29513-118	0.856	0.868	21.74	22.05	0.100	0.106	2.540	2.692	.116	0.053
MS29513-119	0.918	0.930	23.32	23.62	0.100	0.106	2.540	2.692	.124	0.056
MS29513-120	0.981	0.993	24.92	25.22	0.100	0.106	2.540	2.692	.131	0.059
MS29513-121	1.043	1.055	26.49	26.80	0.100	0.106	2.540	2.692	.139	0.063
MS29513-122	1.106	1.118	28.09	28.40	0.100	0.106	2.540	2.692	.146	0.066
MS29513-123	1.168	1.180	29.67	29.97	0.100	0.106	2.540	2.692	.154	0.070
MS29513-124	1.231	1.243	31.27	31.57	0.100	0.106	2.540	2.692	.161	0.073
MS29513-125	1.293	1.305	32.84	33.15	0.100	0.106	2.540	2.692	.169	0.077
MS29513-126	1.356	1.368	34.44	34.75	0.100	0.106	2.540	2.692	.176	0.080
MS29513-127	1.418	1.430	36.02	36.32	0.100	0.106	2.540	2.692	.184	0.083
MS29513-128	1.481	1.493	37.62	37.92	0.100	0.106	2.540	2.692	.191	0.087
MS29513-129	1.539	1.559	39.09	39.60	0.100	0.106	2.540	2.692	.199	0.090
MS29513-130	1.602	1.622	40.69	41.20	0.100	0.106	2.540	2.692	.207	0.094
MS29513-131	1.664	1.684	42.27	42.77	0.100	0.106	2.540	2.692	.214	0.097
MS29513-132	1.727	1.747	43.87	44.37	0.100	0.106	2.540	2.692	.222	0.101
MS29513-133	1.789	1.809	45.44	45.95	0.100	0.106	2.540	2.692	.230	0.104
MS29513-134	1.852	1.872	47.04	47.55	0.100	0.106	2.540	2.692	.236	0.107
MS29513-135	1.915	1.935	48.64	49.15	0.100	0.106	2.540	2.692	.244	0.111
MS29513-136	1.977	1.997	50.22	50.72	0.100	0.106	2.540	2.692	.252	0.114
MS29513-137	2.040	2.060	51.82	52.32	0.100	0.106	2.540	2.692	.259	0.117
MS29513-138	2.102	2.122	53.39	53.90	0.100	0.106	2.540	2.692	.267	0.121
MS29513-139	2.165	2.185	54.99	55.50	0.100	0.106	2.540	2.692	.274	0.124
MS29513-140	2.227	2.247	56.57	57.07	0.100	0.106	2.540	2.692	.282	0.128
MS29513-141	2.290	2.310	58.17	58.67	0.100	0.106	2.540	2.692	.289	0.131
MS29513-142	2.352	2.372	59.74	60.25	0.100	0.106	2.540	2.692	.297	0.135
MS29513-143	2.415	2.435	61.34	61.85	0.100	0.106	2.540	2.692	.304	0.138
MS29513-144	2.477	2.497	62.92	63.42	0.100	0.106	2.540	2.692	.312	0.142
MS29513-145	2.540	2.560	64.52	65.02	0.100	0.106	2.540	2.692	.319	0.145
MS29513-146	2.602	2.622	66.09	66.60	0.100	0.106	2.540	2.692	.327	0.148
MS29513-147	2.660	2.690	67.56	68.33	0.100	0.106	2.540	2.692	.334	0.152
MS29513-148	2.722	2.752	69.14	69.90	0.100	0.106	2.540	2.692	.342	0.155
MS29513-149	2.785	2.815	70.74	71.50	0.100	0.106	2.540	2.692	.350	0.159



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